Part 21 (PAR)   Event #   48863

Rep Org: INTEGRATED RESOURCES, INC.	Notification Date / Time: 03/28/2013 15:53 (EDT)
Supplier: INVENSYS (FOXBORO METER CO.)	Event Date / Time: 03/27/2013 15:30 (CDT)
	Last Modification: 03/28/2013

Region: 4	Docket #:	
City: NEBRASKA CITY	Agreement State:	Yes
County:	License #:	
State: NE		

NRC Notified by: JOHN F. BROSEMER	Notifications:	GREG PICK	R4DO
HQ Ops Officer: HOWIE CROUCH		PAUL KROHN	R1DO
Emergency Class: NON EMERGENCY		PART 21 GROUP	EMAIL
10 CFR Section:		DEBORAH SEYMOUR	R2DO
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE		JULIO LARA	R3DO

PART 21 REPORT - FOXBORO POWER SUPPLY POTENTIAL FAILURES DUE TO DEFECTIVE TIE WRAPS AND HOLDERS

Mr. John F. Brosemer, President of Integrated Resources, Inc., reported discovery of repeated defects in Foxboro Meter Company's N-2ARPS-A6, Style D power supplies. When manufactured, the power supplies utilized Thomas and Betts TC105A aluminum wire tie holders in random numbers and placements. As the power supplies age, the tie wrap holder adhesive degrades and the tie wraps embrittle resulting in the separation of the tie wraps and loss of holder adhesion to the power supply enclosure. This causes the wraps and holders to fall to the bottom of the enclosure which could result in shorts when the aluminum comes in contact with electronic components. In one particular power supply, all tie wrap holders in use failed and separated from the enclosure.

The power supplies are used in Foxboro SPEC-200 cabinetry that are used throughout the industry. At the time of this notification, Integrated Resources has one power supply from Three Mile Island and two power supplies from Ft. Calhoun undergoing refurbishment. Integrated Resources will be following up this telephonic notification with a written report once their internal investigation is done.

Recommended corrective actions are for affected facilities to open and inspect all power supplies and remove the aluminum tie wrap holders and replace the tie wraps and holders with Teflon types.

****

$\mathcal{IE}19$
$\mathcal{NRR}$